

**Amendments to the Specification:**

On page 1, after line 1, insert the following heading:

**Background and Summary**

Please replace the paragraph beginning on page 1, line 3 with the following amended paragraph:

The present technology invention relates to a data storage medium having an optical information carrier which comprises a polymer carrier set up to store information.

Please replace the paragraph beginning on page 2, line 1 with the following amended paragraph:

An exemplary embodiment ~~It is an object of the invention provides to provide~~ a data storage medium having an optical information carrier which comprises a polymer carrier set up to store information, wherein the fundamental possibility exists of an increase in the storage density.

On page 2, delete the paragraph beginning at line 7.

Please replace the paragraph beginning on page 2, line 13 with the following amended paragraph:

The data storage medium of an exemplary embodiment of the invention has an optical information carrier which comprises a polymer carrier set up to store information. The optical information carrier further comprises a layer which comprises a dye and can be optically changed locally in order to store information. In principle, the data storage medium may already have been written with information by the manufacturer; this applies both to the polymer carrier and to the dye layer. It is, however, also conceivable to configure the optical information carrier in such a way that a user is able to input information into the data storage medium, utilizing the polymer carrier and/or the dye layer.

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Application No. 10/030,472

Response to Office Action dated October 14, 2004

On page 7, after line 25, insert the following heading:

Brief Description of the Drawings

On page 8, after line 3, insert the following heading:

Description of Example Embodiments

On page 15, delete line 1 and replace therefor

We claim:

Please replace the Abstract with the Abstract on a separate sheet in the Appendix hereto.